Each year the Career Services office surveys the Penn Engineering students to gather information about their summer work experience. This year the students scheduled to graduate in December 2007, May and August 2008 participated in the survey. Forms were distributed to all seniors attending On-Campus Recruiting Orientation sessions in September 2007. Responses were also collected online. Those who did not complete the form received a second copy from the Academic Programs Office in November. This resulted in a 92.5% response rate. 323 students completed the survey of the 349 eligible.

The top industries in which students accepted internships included manufacturing, financial services, and the non-profit/higher education sector. Within the manufacturing sector, the largest percentages of internships were in biomedical products, pharmaceuticals, consumer products, and electronics/robotics, respectively. The number of students participating in internships abroad rose 4%, a strong indicator of students’ continued interest to gain experience outside of the United States. The overall average salary of the respondents who were employed full-time was $3,569 per month, a 10.5% increase from last year.

Summer Plans

- Employed 89%
- Took Courses 7%
- Travel 1%
- Other 2%
- Community Service 1%
SCHOOL OF ENGINEERING SUMMER SURVEY REPORT

Based on the Class of 2008

<table>
<thead>
<tr>
<th>Total # of Students Responding to Survey: 323 92.5% of the Class</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full Time Employed:</strong></td>
</tr>
<tr>
<td>Number of Respondents</td>
</tr>
<tr>
<td>254</td>
</tr>
<tr>
<td># Reporting Salary</td>
</tr>
<tr>
<td>215</td>
</tr>
<tr>
<td>Average Month Salary</td>
</tr>
<tr>
<td>$3,569</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>School</th>
<th># of Respondents Reporting Salary</th>
<th>Average Monthly Salary</th>
<th>Salary Range Full-Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>141</td>
<td>$3,038</td>
<td>$1,000 – 11,480</td>
</tr>
<tr>
<td>Engineering/Engineering</td>
<td>8</td>
<td>$3,419</td>
<td>$1,360 – 6,400</td>
</tr>
<tr>
<td>Engineering/College</td>
<td>14</td>
<td>$3,936</td>
<td>$1,320 – 6,000</td>
</tr>
<tr>
<td>Engineering/Wharton</td>
<td>52</td>
<td>$4,935</td>
<td>$1,200 – 15,000</td>
</tr>
</tbody>
</table>

HOW RESPONDENTS RECEIVED THEIR INTERNSHIP

Includes all respondents

![Pie chart showing the distribution of how respondents received their internship]

- Previous Employer: 9%
- Professor: 12%
- Applied Directly: 13%
- Special Programs: 1%
- Contacts: 22%
- Career Services Leads: 10%
- On-Campus Recruiting: 26%
- Other: 7%
## SALARIES BY MAJOR – Full-Time Employed

<table>
<thead>
<tr>
<th>MAJOR</th>
<th>#</th>
<th>AVERAGE MONTHLY</th>
<th>MONTHLY RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS - Biomedical Science</td>
<td>7</td>
<td>$4,015</td>
<td>$1,144 – 15,000</td>
</tr>
<tr>
<td>AS - Computer &amp; Cognitive Science</td>
<td>2</td>
<td>$3,600</td>
<td>*</td>
</tr>
<tr>
<td>AS - Computer Science</td>
<td>8</td>
<td>$3,929</td>
<td>$1,304 – 7,080</td>
</tr>
<tr>
<td>Bioengineering</td>
<td>35</td>
<td>$2,371</td>
<td>$1,120 – 6,000</td>
</tr>
<tr>
<td>Chemical &amp; Bimolecular Engineering</td>
<td>29</td>
<td>$3,629</td>
<td>$1,000 – 12,000</td>
</tr>
<tr>
<td>Computer &amp; Telecommunications Eng.</td>
<td>3</td>
<td>$3,427</td>
<td>$2,880 – 4,220</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>25</td>
<td>$4,793</td>
<td>$2,500 – 6,400</td>
</tr>
<tr>
<td>Digital Media Design</td>
<td>9</td>
<td>$2,814</td>
<td>$1,600 – 5,000</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>18</td>
<td>$3,455</td>
<td>$1,360 – 6,000</td>
</tr>
<tr>
<td>Individualized</td>
<td>8</td>
<td>$3,996</td>
<td>$2,500 – 7,000</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>27</td>
<td>$3,320</td>
<td>$1,360 – 9,520</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>26</td>
<td>$3,261</td>
<td>$1,520 – 10,000</td>
</tr>
<tr>
<td>Systems Science &amp; Engineering</td>
<td>23</td>
<td>$4,197</td>
<td>$1,200 – 10,000</td>
</tr>
</tbody>
</table>

*Single salary not reported.
*Salaries for dual engineering majors are included in the average salary for each major.

## Average Summer Salary by Job Type - Full-Time Employed

<table>
<thead>
<tr>
<th>Job Type (Surveys with Salaries)</th>
<th>Average Monthly Salary</th>
<th>Monthly Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management/Strategy (5)</td>
<td>$2,881</td>
<td>$2,000 – 4,100</td>
</tr>
<tr>
<td>Research (1)</td>
<td>*</td>
<td>8</td>
</tr>
<tr>
<td>Technical/Information Systems (7)</td>
<td>$3,551</td>
<td>$2,760 – 5,000</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction (3)</td>
<td>$2,827</td>
<td>$2,400 – 3,520</td>
</tr>
<tr>
<td>Design (10)</td>
<td>$2,616</td>
<td>$1,360 – 5,000</td>
</tr>
<tr>
<td>Manufacturing/Production (5)</td>
<td>$2,770</td>
<td>$2,080 – 3,600</td>
</tr>
<tr>
<td>Project Management (8)</td>
<td>$2,813</td>
<td>$1,350 – 5,800</td>
</tr>
<tr>
<td>Quality Assurance (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Research and Development (29)</td>
<td>$2,433</td>
<td>$1,360 – 3,600</td>
</tr>
<tr>
<td>Testing (5)</td>
<td>$3,000</td>
<td>$2,400 – 3,520</td>
</tr>
<tr>
<td>Transportation (1)</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Job Type</td>
<td>Number</td>
<td>Average Salary</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>--------</td>
<td>----------------</td>
</tr>
<tr>
<td><strong>Finance</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital/Money Markets Analyst</td>
<td>4</td>
<td>$4,479</td>
</tr>
<tr>
<td>Energy Analyst</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>Financial Analyst</td>
<td>26</td>
<td>$4,479</td>
</tr>
<tr>
<td>Financial Planning &amp; Analysis</td>
<td>2</td>
<td>$2,400</td>
</tr>
<tr>
<td>Investment Management/Counsel</td>
<td>3</td>
<td>$4,500</td>
</tr>
<tr>
<td>Mergers &amp; Acquisitions Analyst</td>
<td>4</td>
<td>$5,640</td>
</tr>
<tr>
<td>Private Equity/Venture Capital Analyst</td>
<td>2</td>
<td>$3,300</td>
</tr>
<tr>
<td>Public Finance Analyst</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>Sales and Trading</td>
<td>17</td>
<td>$5,648</td>
</tr>
<tr>
<td>Securities Research Analyst</td>
<td>3</td>
<td>$5,333</td>
</tr>
<tr>
<td><strong>Government</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Military Officer</td>
<td>2</td>
<td>$3,500</td>
</tr>
<tr>
<td><strong>Information Systems</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applications Programming</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>Software Design and Development</td>
<td>15</td>
<td>$5,058</td>
</tr>
<tr>
<td>Systems Analysis</td>
<td>6</td>
<td>$3,536</td>
</tr>
<tr>
<td>Technical Training</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>Technology Analyst</td>
<td>7</td>
<td>$5,042</td>
</tr>
<tr>
<td>Technical Artist/Director</td>
<td>5</td>
<td>$2,793</td>
</tr>
<tr>
<td>Web Design/Development</td>
<td>3</td>
<td>$2,248</td>
</tr>
<tr>
<td><strong>Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entrepreneur/Founder</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>General Management</td>
<td>3</td>
<td>$1,380</td>
</tr>
<tr>
<td>Office</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>Operations</td>
<td>2</td>
<td>$3,443</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marketing Analysis</td>
<td>2</td>
<td>$3,625</td>
</tr>
<tr>
<td>Marketing Research</td>
<td>3</td>
<td>$2,973</td>
</tr>
<tr>
<td>Product/Brand Management</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td>Sales/Sales Management</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Actuarial Science</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td><strong>Not for Profit</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td><strong>Real Estate</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales</td>
<td>1</td>
<td>*</td>
</tr>
<tr>
<td><strong>Scientific Research</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
<td>$1,830</td>
</tr>
<tr>
<td>Biomedical</td>
<td>15</td>
<td>$1,837</td>
</tr>
</tbody>
</table>

*Single salaries not reported.
<table>
<thead>
<tr>
<th>INDUSTRY</th>
<th>#</th>
<th>AVERAGE MONTHLY</th>
<th>MONTHLY RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advertising/Public Relations</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Film/Recording</td>
<td>4</td>
<td>$2,140</td>
<td>$1,600 – 2,560</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Energy/Natural Resources</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Products (non-petroleum)</td>
<td>8</td>
<td>$2,815</td>
<td>$2,200 – 3,400</td>
</tr>
<tr>
<td>Mining/Natural Resources</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Petroleum</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Financial Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial Banking</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Insurance</td>
<td>3</td>
<td>$2,748</td>
<td>$2,565 – 2,880</td>
</tr>
<tr>
<td>Investment Banking</td>
<td>61</td>
<td>$5,260</td>
<td>$1,100 – 15,000</td>
</tr>
<tr>
<td>Investment Management</td>
<td>8</td>
<td>$5,098</td>
<td>$1,200 – 11,480</td>
</tr>
<tr>
<td>Other</td>
<td>2</td>
<td>$3,916</td>
<td>-----</td>
</tr>
<tr>
<td>Real Estate/Land Development</td>
<td>2</td>
<td>$3,750</td>
<td>-----</td>
</tr>
<tr>
<td>Venture Capital</td>
<td>3</td>
<td>$3,533</td>
<td>$2,800 – 4,000</td>
</tr>
<tr>
<td>Government</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. Executive Branch</td>
<td>3</td>
<td>$2,598</td>
<td>$2,000 – 3,200</td>
</tr>
<tr>
<td>U.S. Military Service</td>
<td>2</td>
<td>$3,500</td>
<td>-----</td>
</tr>
</tbody>
</table>
Salaries by Industry – Full-Time Employed (continued)

Manufacturing

<table>
<thead>
<tr>
<th>Industry</th>
<th>No.</th>
<th>Mean Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace</td>
<td>4</td>
<td>$3,229</td>
<td>$2,400 – 3,200</td>
</tr>
<tr>
<td>Automotive</td>
<td>2</td>
<td>$3,300</td>
<td>$2,940 – 3,500</td>
</tr>
<tr>
<td>Biomedical Products</td>
<td>8</td>
<td>$3,747</td>
<td>$3,160 – 4,000</td>
</tr>
<tr>
<td>Computer Products (Hardware)</td>
<td>3</td>
<td>$3,174</td>
<td>$2,280 – 2,880</td>
</tr>
<tr>
<td>Consumer Products</td>
<td>7</td>
<td>$3,174</td>
<td>$2,280 – 2,880</td>
</tr>
<tr>
<td>Electronics/Robotics</td>
<td>6</td>
<td>$2,280</td>
<td>$1,900 – 2,880</td>
</tr>
<tr>
<td>Other</td>
<td>3</td>
<td>$2,853</td>
<td>$2,160 – 3,400</td>
</tr>
<tr>
<td>Pharmaceuticals</td>
<td>10</td>
<td>$2,974</td>
<td>$2,400 – 3,360</td>
</tr>
<tr>
<td>Telecommunications</td>
<td>2</td>
<td>$3,760</td>
<td>$-----</td>
</tr>
</tbody>
</table>

Non-Profit/Education

<table>
<thead>
<tr>
<th>Industry</th>
<th>No.</th>
<th>Mean Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Care</td>
<td>4</td>
<td>$1,485</td>
<td>$1,320 – 1,620</td>
</tr>
<tr>
<td>Higher Education/Scientific Research</td>
<td>31</td>
<td>$1,692</td>
<td>$1,120 – 2,500</td>
</tr>
<tr>
<td>Public Interest/Non-Profit Research</td>
<td>3</td>
<td>$2,007</td>
<td>$1,800 – 2,320</td>
</tr>
</tbody>
</table>

Services

<table>
<thead>
<tr>
<th>Industry</th>
<th>No.</th>
<th>Mean Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>2</td>
<td>$2,960</td>
<td>$-----</td>
</tr>
<tr>
<td>Consulting</td>
<td>17</td>
<td>$3,300</td>
<td>$1,360 – 6,000</td>
</tr>
<tr>
<td>Recreation</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

Technology

<table>
<thead>
<tr>
<th>Industry</th>
<th>No.</th>
<th>Mean Salary</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interactive Entertainment Software</td>
<td>3</td>
<td>$4,645</td>
<td>$4,000 – 5,768</td>
</tr>
<tr>
<td>Internet Services</td>
<td>2</td>
<td>$1,760</td>
<td>$-----</td>
</tr>
<tr>
<td>Online Information Provider</td>
<td>5</td>
<td>$5,820</td>
<td>$5,320 – 6,400</td>
</tr>
<tr>
<td>Software Products</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

*Single salary not reported.
SALARIES BY SELECTED GEOGRAPHICAL AREAS – Full-Time Employed

REGIONAL SALARIES

<table>
<thead>
<tr>
<th>Region</th>
<th>Respondents</th>
<th>Average Salary</th>
<th>Salary Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABROAD**</td>
<td>15</td>
<td>$2,713</td>
<td>$1,000 – 6,000</td>
</tr>
<tr>
<td>MID ATLANTIC</td>
<td>155</td>
<td>$3,588</td>
<td>$1,120 – 15,000</td>
</tr>
<tr>
<td>MIDWEST</td>
<td>4</td>
<td>$3,165</td>
<td>$3,000 – 3,600</td>
</tr>
<tr>
<td>NEW ENGLAND</td>
<td>10</td>
<td>$3,286</td>
<td>$1,620 – 4,600</td>
</tr>
<tr>
<td>NORTHWEST</td>
<td>1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>SOUTHEAST</td>
<td>6</td>
<td>$4,127</td>
<td>$1,360 – 6,000</td>
</tr>
<tr>
<td>SOUTHWEST</td>
<td>4</td>
<td>$3,180</td>
<td>$2,000 – 4,000</td>
</tr>
<tr>
<td>WEST</td>
<td>20</td>
<td>$4,276</td>
<td>$1,600 – 12,000</td>
</tr>
</tbody>
</table>

*Single salary not reported.

**Canada, Germany, India, Japan, Mexico, People’s Republic of China/Hong Kong, Slovakia, South Korea, United Arab Emirates, United Kingdom

LOCATION OF INTERNSHIP

Includes all respondents

- Mid Atlantic: 68%
- West: 10%
- New England: 4%
- Southeast: 3%
- Southwestern: 2%
- Abroad: 10%
- Northwest: 1%

Abroad: India (6), Canada (5), People’s Republic of China/Hong Kong (4), Japan (2), South Korea (2), United Arab Emirates (2), Ecuador, Germany, Israel, Mexico, Mauritius, Philippines, Slovakia, Taiwan, United Kingdom

DATE RECEIVED OFFER

Includes all respondents

241 students reported the date they received the offer for the position they accepted.

<table>
<thead>
<tr>
<th>Date Received Offer</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before September, 2005</td>
<td>8</td>
</tr>
<tr>
<td>September – December, 2005</td>
<td>5</td>
</tr>
<tr>
<td>January – February, 2006</td>
<td>27</td>
</tr>
<tr>
<td>March – May, 2006</td>
<td>55</td>
</tr>
<tr>
<td>June – July, 2006</td>
<td>5</td>
</tr>
</tbody>
</table>
### EMPLOYERS WITH MOST OFFERS ACCEPTED

<table>
<thead>
<tr>
<th>Employer</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>43</td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>10</td>
</tr>
<tr>
<td>Google</td>
<td>8</td>
</tr>
<tr>
<td>Lehman Brothers</td>
<td>6</td>
</tr>
<tr>
<td>L’Oreal</td>
<td>6</td>
</tr>
<tr>
<td>Morgan Stanley</td>
<td>6</td>
</tr>
<tr>
<td>Citigroup</td>
<td>5</td>
</tr>
<tr>
<td>JPMorgan Chase</td>
<td>5</td>
</tr>
<tr>
<td>Merck &amp; Co.</td>
<td>5</td>
</tr>
<tr>
<td>Deutsche Bank</td>
<td>4</td>
</tr>
<tr>
<td>Merrill Lynch</td>
<td>4</td>
</tr>
<tr>
<td>Accenture</td>
<td>3</td>
</tr>
<tr>
<td>Bank of America</td>
<td>3</td>
</tr>
<tr>
<td>Children’s Hospital of Philadelphia</td>
<td>3</td>
</tr>
<tr>
<td>Hospital of the University of Pennsylvania</td>
<td>3</td>
</tr>
<tr>
<td>Lockheed Martin</td>
<td>3</td>
</tr>
<tr>
<td>PricewaterhouseCoopers</td>
<td>3</td>
</tr>
<tr>
<td>The Blackstone Group</td>
<td>3</td>
</tr>
<tr>
<td>Vanguard Animation</td>
<td>3</td>
</tr>
<tr>
<td>Barclays Capital</td>
<td>2</td>
</tr>
<tr>
<td>Credit Suisse</td>
<td>2</td>
</tr>
<tr>
<td>Electronic Arts</td>
<td>2</td>
</tr>
<tr>
<td>Franklin Fuel Cells</td>
<td>2</td>
</tr>
<tr>
<td>General Motors</td>
<td>2</td>
</tr>
<tr>
<td>IBM</td>
<td>2</td>
</tr>
<tr>
<td>Invite Media, Inc.</td>
<td>2</td>
</tr>
<tr>
<td>NASA</td>
<td>2</td>
</tr>
<tr>
<td>Siemens</td>
<td>2</td>
</tr>
<tr>
<td>The Vanguard Group</td>
<td>2</td>
</tr>
</tbody>
</table>

### POSITIONS REPORTED BY MAJOR – All Respondents

#### ENGINEERING DEGREE

**Applied Science – Biomedical Science**
- Baxter Healthcare, McGaw Park, IL; Research and Development Intern
- Children's Hospital of Philadelphia, Philadelphia, PA; Research Assistant
- Deloitte Touche Tohmatsu, New Delhi, India; Summer Business Analyst
- Gennova Biopharmaceuticals, Pune, Maharashtra; Product Consultant
- Greater Boston Interfaith Org., Health Careers Connection, Boston, MA; Position not provided
- Hoffman La Roche, Shanghai, China; Market Strategy Intern
- L'Oreal Korea, Seoul, Korea; Sales Development Intern
- Morgan Stanley, New York, NY; Summer Analyst
- Mount Sinai Medical Center, New York, NY; Volunteer in PROP program
- New York University College of Dentistry, New York, NY; Research Assistant
- Penn State University, State College, PA; Researcher
- Philadelphia Eagles, Philadelphia, PA; Web Intern
- Rahway Hospital, Rahway, NJ; Volunteer
- Reliance International Center, Mauritius; Community Center Manager
- San Diego Superior Court - Hall of Justice, San Diego, CA; Student Volunteer
- University of Pennsylvania, Abramson Family Cancer Research, Philadelphia, PA; Research Assistant
- Wyeth Research, Cambridge, MA; Intern III
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING DEGREE (continued)

**Applied Science – Computational Biology**
Invate Media, Inc., Philadelphia, PA; VP Engineering
UBS, Stamford, CT; Fixed Income Research Analyst

**Applied Science – Computer & Cognitive Science**
Google, New York, NY; Software Engineering Intern
University of Pennsylvania, Wharton Entrepreneurial Programs, Philadelphia, PA; Research Assistant

**Applied Science – Computer Science**
Goldman Sachs, New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Analyst
Goldman Sachs, New York, NY; Intern
Jane Street Capital, New York, NY; Assistant Trader Intern
Kirshenbaum Bond & Partners, New York, NY; Intern Project Management
Lazard, New York, NY; Summer Analyst
United States Department of Defense, Washington, DC; Summer Intern
University of Pennsylvania, Van Pelt Library, Philadelphia, PA; Scanner

**Bioengineering**
Academia Sinica, Taipei, Taiwan; Intern
AstraZeneca Pharmaceuticals, Wilmington, DE; Commercial Analytics Intern
Baylis Medical Company, Inc, Toronto, Canada; R&D Engineer Intern
Blue Shield of California, San Francisco, CA; Financial Analyst
Center for Bioactive Materials and Tissue Engineering, Philadelphia, PA; Research Assistant
Children's Hospital of Philadelphia, Philadelphia, PA; Research Assistant
Children's Hospital of Philadelphia, Philadelphia, PA; Research Associate
CRA International, Boston, MA; Analyst Intern
Dankmeyer Prosthetics & Orthotics, Landover, MD; Volunteer
EDGE Product Development Corporation, Newtown, PA; Engineering Consultant
EFG Bank, Hong Kong, PRC; Analyst
Genentech, Inc., San Francisco, CA; Intern
Goldman Sachs, New York, NY; Summer Analyst
Hewitt Associates, Bridgewater, NJ; Actuarial Intern
Jefferies and Co., Inc., New York, NY; Summer Analyst
Lockheed Martin, King of Prussia, PA; College Student Tech Spec
L'oreal USA, Clark, NJ; Summer Intern
LSAMP/NSP Research Program, Philadelphia, PA; Researcher
Lux Research Inc., New York, NY; Analyst
Massachusetts General Hospital, Boston, MA; Cancer Researcher
Merck & Co., West Point, PA; Summer Intern
Monell Chemical Senses Center, Philadelphia, PA; Laboratory Assistant
Princeton University, Princeton, NJ; REU Research Assistant
Regeneration Technologies, Inc., Aichua, FL; Intern (Biotechnology)
The Scripps Research Institute, La Jolla, CA; Research Intern
Tufts University, Intradiscal Electrothermal Therapy Laboratories, Grafton, MA; Technician
United States Mint, Washington, DC; Summer Intern
University of California, San Francisco Medical Center, San Francisco, CA; Intern
University of Pennsylvania, Bioengineering Department, Philadelphia, PA; Research Assistant
University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA; Research Assistant
University of Pennsylvania, Emergency Medicine, Philadelphia, PA; Undergraduate Research Assistant
University of Pennsylvania, Molecular Imaging Group (BE), Philadelphia, PA; Undergraduate Researcher
University of Pennsylvania, Biochemistry and Biophysics, Philadelphia, PA; Undergraduate Researcher
University of Pennsylvania, Neurosurgery Philadelphia, PA; Research Assistant
University of Pennsylvania, Bioengineering, Philadelphia, PA; Summer Researcher
POsITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING DEGREE (continued)

Bioengineering (continued)
- University of Pennsylvania Hospital, Philadelphia, PA; Research
- University of Pennsylvania Hospital, Dept. of Renal Research, Philadelphia, PA; Clinical Research Assistant
- University of Pennsylvania Medical School, Renal Division, Philadelphia, PA; Research Assistant
- University of Pennsylvania, Biomaterials Laboratory, Philadelphia, PA; Lab assistant
- University of Pennsylvania, Center for Resuscitation Science, Philadelphia, PA; Undergraduate Research Assistant
- University of Pennsylvania, Clinical Research Building, Philadelphia, PA; Research Assistant
- University of Pennsylvania, Eng. Computational Neuroscience, Philadelphia, PA; Intern
- University of Pennsylvania, Housing & Conference Services, Philadelphia, PA; Guest Services Manager
- University of Pennsylvania, Housing & Conference Services, Philadelphia, PA; RSA Staff
- University of Pennsylvania, Housing & Conference Services, Philadelphia, PA; IT Manager
- University of Pennsylvania, Institute of Med. & Engineering, Philadelphia, PA; Research Assistant
- University of Pennsylvania, Margulies Lab-Head Injury Group, Philadelphia, PA; Research Assistant
- University of Pennsylvania, McKay Orthopedic Research Lab, Philadelphia, PA; Undergraduate Research Assistant
- University of Pennsylvania, Health Systems, Philadelphia, PA; Radiology, Summer Research Assistant

Bioengineering & Electrical Engineering
- Lockheed Martin, Moorestown, NJ; Student Senior Tech Specialist

Chemical and Biomolecular Engineering
- Agnico Eagle Mines Limited, Toronto, ON; Intern
- CIBC World Markets, Manhattan, NY; Summer Analyst in the Leveraged Finance Group
- Columbia University, New York, NY; Intern
- Credit Suisse, San Francisco, CA; Summer Analyst
- Dadoo & Asociados, Mexico City, Mexico; Analyst
- ExxonMobil, Fairfax, VA; Engineer
- Fourth Street Clinic, Salt Lake City, UT; Care Coordinator
- Franklin Fuel Cells, Malvern, PA; Research Assistant
- Highbridge Capital Management, New York, NY; Model Developer
- HSBC Securities, New York, NY; Summer Analyst
- JP Morgan Chase, New York, NY; Business Analyst
- Lehman Brothers, New York, NY; Investment Banking Analyst
- L’Oreal USA, Clark, NJ; R&D Intern
- L’Oreal USA, Clark, NJ; Summer Intern
- L’Oreal USA Manufacturing, NJ; Summer Intern
- M. Langenstein + Sons, New Orleans, LA; Assistant Manager
- Malcolm Pirnie, Inc., Tampa, FL; Intern III
- Merck & Co., West Point, PA; Intern
- Merrill Lynch, New York, NY; Global Markets Analyst
- Morgan Stanley, New York, NY; Summer Analyst
- PricewaterhouseCoopers, New York, NY; Intern
- Royal Bank of Scotland Greenwich Capital, Greenwich, CT; Sales and Trading Summer Analyst
- SII Group, Rotterdam Junction, NY; Process Engineering Intern
- Sonenshine Partners, New York, NY; Summer Analyst
- Trane, Philadelphia, PA; Sales Engineer Intern
- United States Navy ROTC, Seoul, Korea; Position Not Provided
- University of Pennsylvania, Chemical Engineering, Philadelphia, PA; Job Assistant
- University of Pennsylvania, Chemical and Biomolecular Engineering, Philadelphia, PA; Undergraduate Assistant
- University of Pennsylvania, Chemical Engineering, Philadelphia, PA; Research Assistant
- University of Pennsylvania, FAPD, Philadelphia, PA; Work Study
- University of Pennsylvania, School of Medicine, Philadelphia, PA; Intern
- University of Pennsylvania, Sinno Research Group, Philadelphia, PA; Position Not Provided
- University of Pennsylvania, Wharton Marketing Department, Philadelphia, PA; IT Support Specialist
- Watson Pharmaceuticals, Carmel, NY; Intern
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING DEGREE (continued)
Chemical and Biomolecular Engineering & Materials Science and Engineering
General Electric, Exton, PA; Summer Intern
L'Oreal USA, Clark, NJ; Summer Research Intern

Computer and Telecommunications Engineering
Merck & Co., Whitehouse Station, NJ; Engineering Intern
New York Life Insurance Co., New York, NY; Summer Consultant
PricewaterhouseCoopers, New York, NY; Intern
Scribe Reporting & Legal Copying, Sacramento, CA; IT Consultant
University of Pennsylvania, Philadelphia, PA; Research Assistant

Computer Science and Engineering
Barclays Capital, New York, NY; Trading Summer Analyst
Citi Markets and Banking, New York, NY; Hybrid Analyst
Deloitte Consulting, Philadelphia, PA; Business Technology Analyst
Deutsche Bank, New York, NY; Summer Analyst
Electronic Arts, Los Angeles, CA; Software Engineer
Goldman Sachs, Jersey City, NJ; Summer Analyst
Goldman Sachs, New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Summer Technology Analyst
Google, Mountain View, CA; Associate Product Manager
Google, Haifa, Israel; Software Engineer
Google, New York, NY; Software Engineer
Google, New York, NY; Software Engineering Intern
Google, New York, NY; Software Engineering Intern
Google Summer of Code, Mountain View, CA; Contractor
IBM, Lotus Software Group, Westford, MA; Intern
Lehman Brothers, New York, NY; Summer Analyst
Lehman Brothers, New York, NY; Summer Analyst
Lehman Brothers Asia Ltd., Tokyo, Japan; Summer Analyst
Lehman Brothers Holdings, New York, NY; Intern
Mapori, LLC, Unionville, PA; Founder
Morgan Stanley, New York, NY; Summer Analyst
Petroglyph, Las Vegas, NV; Game Programmer
Softhard Ltd., Bratislava, Slovakia; Position Not Provided
The Blackstone Group, New York, NY; Investment Analyst
The Blackstone Group, New York, NY; Summer Analyst
The National Investor, Dubai, United Arab Emirates; Summer Analyst
Thomson West, Location not provided; J3 Content Technology Intern
University of Pennsylvania, Philadelphia, PA; Lab Consultant
University of Pennsylvania, Philadelphia, PA; Research Assistant

Computer Science and Engineering & Electrical Engineering
University of Southern California, Los Angeles, CA; Research Intern

Computer Science and Engineering & Materials Science and Engineering
Google, Mountain View, CA; Software Engineer Intern
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING DEGREE (continued)
Digital Media Design
321 Launch, New York, NY; 3D animator/modeler
Analog Method, New York, NY; Web Lackey
Apple, Inc., Cupertino, CA; Web Developer/UI Design
Citigroup, New York, NY; Trading Intern
Curious Pictures, New York, NY; Intern
Dreamworks Animation, Glendale, CA; Production Technology Intern
Electronic Arts, San Francisco, CA; Technical Artist
Paragraph Inc., Philadelphia, PA; Intern
Pixar Animation Studios, Emeryville, CA; Software Engineering Intern
Vanguard Animation, Vancouver, Canada; Intern
Vanguard Animation, Vancouver, Canada; Shot Prep/Simulation Intern
Vanguard Animation, Vancouver, Canada; Intern - Shot Prep / Simulation

Electrical Engineering
Accenture, Philadelphia, PA; Analyst
Deutsche Bank, New York, NY; Summer Analyst
DMJM H & N, New York, NY; CADD Drafter
Honeywell, Inc., Fort Washington, PA; Intern
HSH Nordbank, New York, NY; Summer Analysts
Independence Blue Cross, Philadelphia, PA; Project Lead
JP Morgan Chase, New York, NY; Developer Intern
Merck & Co, Blue bell, PA; IS Summer Intern
Morgan Stanley, New York, NY; Sales & Trading Analyst
Nikko Citigroup Limited, Tokyo, Japan; Summer Analyst Intern
Rockwood Capital, White Plains, NY; Summer Analyst
Siemens, Kolkata, India; Summer Intern
SiOptical, Inc., Allentown, PA; Intern
Teletronics Technology, Newtown, PA; Intern
Texas Instruments India, Bangalore, India; Project Intern
The Vanguard Group, Valley Forge, PA; Contractor - Web Analytics Group
University of Pennsylvania, Philadelphia, PA; Researcher
University of Pennsylvania, Investment Office, Philadelphia, PA; Summer Associate
Verizon Telecommunications, New York, NY; Capacity Management Intern
Wachovia Capital Markets LLC, Charlotte, NC; Summer Analyst

Electrical Engineering & Materials Science and Engineering
University of Pennsylvania, Philadelphia, PA; Undergraduate Researcher

Electrical Engineering & Mechanical Engineering and Applied Mechanics
Lockheed Martin, Moorrestown, NJ; College Student Technical Specialist

Individualized Major
Cisco Systems, San Jose, CA; Position Not Provided
Citi Markets and Banking, New York, NY; Credit Derivatives Info
D.E. Shaw & Co., New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Summer Analyst
JP Morgan Chase, New York, NY; Research Analyst
KKR Financial LLC, San Francisco, CA; Analyst
Lehman Brothers, New York, NY; Summer Intern
Magnetar Capital LLC, Radnor, PA; Analyst
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING DEGREE (continued)
Materials Science and Engineering
A.T. Kearney, Mumbai, India; Summer Business Analyst
Accenture, Philadelphia, PA; Summer Intern
Athleague, Milpitas, CA; Founder
Bank of America, New York, NY; Summer Intern
Boston Consulting Group, Dallas, TX; Associate Intern
Doravio, Washington, DC; Research Analyst
DuPont Marshall Labs, Philadelphia, PA; Summer Intern
EDS, Detroit, MI; Intern
Fitzgerald Mercy Hospital, Darby, PA; Intern
Fluidigm Corporation, San Francisco, CA; Marketing Intern
General Motors, Warren, MI; Summer Intern
Gentex Corporation, Simpson, PA; Helment Systems Engineering Intern
GNPower, Manila, Philippines; Researcher
Hong Kong Design Center, Hong Kong, PRC; Market Researcher
IBM, Burlington, VT; Co-op
Invite Media, Inc., Philadelphia, PA; Co-Founder
Lifecell Corporation, Branchburg, NJ; Development Engineer Intern
MBI, Inc., Norwalk, CT; Product Management Intern
Merrill Lynch & Co., New York, NY; Chief Financial Office Summer Analyst
Morgan Stanley, New York, NY; Analyst
Nantero, Woburn, MA; Marketing/Engineering Intern
Nollenberger Capital Partners Inc., San Francisco, CA; Investment Banking Summer Analyst
PPL, Allentown, PA; Metallurgist Co-op
Siemens, AG, Munich, Germany; Intern
SunPower, Berkeley, CA; Intern
Susquehanna Private Equity Investments, New York, NY; PE Intern
T3G, Sunnyvale, CA; Marketing & Analytics Intern
The Nanotech Company, LLC, Del Mar, CA; Business Development
University of Pennsylvania, Philadelphia, PA; Independent Study
University of Pennsylvania - Karen Winey Research Group, Philadelphia, PA; Research Assistant
University of Pennsylvania, Engineering Department, Philadelphia, PA; Research Assistant
University of Pennsylvania, Nano-Bio Interface Center, Philadelphia, PA; Researcher

Mechanical Engineering and Applied Mechanics
Accenture, Philadelphia, PA; Consultant Intern
Artempo, Quito, Equador; Assistant
Bank of America, New York, NY; Summer Analyst
BlackRock, Wilmington, DE; Intern
Boeing Satellite Systems, El Segundo, CA; Mechanical and Structural Engineer
Clark Construction, LLC, Bethesda, MD; Intern
Electroimpact, Mukilteo, WA; Engineering Intern
Exelon Corporation, Kennett Square, PA; Operations Intern
Franklin Fuel Cells, Malvern, PA; Intern
General Motors, Pontiac, MI; Summer Intern
Holtec International, Marlton, NJ; Intern
ImageMap Inc., Columbia, SC; Mechanical Engineering Intern
India Equity Partners, New York, NY; Summer Intern
ITT Associates, Boca Raton, FL; Commodities Sales and Trading Analyst
JP Morgan Chase, New York, NY; Summer Analyst
JP Morgan Chase, New York, NY; Summer Business Analyst
McKinsey & Company, Dubai, United Arab Emirates; Summer Consultant
Med Lab, Philadelphia, PA; Lab Assistant
NASA, Johnson Space Center, Houston, TX; Intern
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING DEGREE (continued)
Mechanical Engineering and Applied Mechanics (continued)
PSE&G, Cigton, NJ; Engineering Apprentice
Shaw Stone & Webster, Hamilton, NJ; Assistant Resident Engineer (intern)
Sony Corporation, Columbia Pictures, New York, NY; College Rep
Standard Chartered Bank, Mumbai, India; Intern
Standard Electronics, Norristown, PA; Intern
Tishman Construction Company, New York, NY; Intern
U.S. Office of Naval Intelligence, Suitland, MD; Engineering Aide
United States Marine Corps, Quantico, VA; Officer Candidate
University of Pennsylvania, Philadelphia, PA; Position Not Provided
University of Pennsylvania, Philadelphia, PA; Lab Worker
University of Pennsylvania, Cell & Dev. Biology Laboratory, Philadelphia, PA; Research Assistant
University of Pennsylvania, GRASP Laboratory, Philadelphia, PA; Researcher
University of Pennsylvania, Modular Robotics Lab, Philadelphia, PA; Position Not Provided

Systems Science and Engineering
Bank of America, New York, NY; Analyst
Barclays Capital, New York, NY; Summer Analyst
BMO Capital Markets, New York, NY; Summer Analyst
Citi Markets and Banking, New York, NY; Summer Analyst
Citigroup, New York, NY; Private Banking Analyst
Credit Suisse, Hong Kong, PRC; Sales Trading Intern
Cutler Group, LP, Philadelphia, PA; Equity Options Trading Analyst
Deutsche Bank, New York, NY; Intern
Deutsche Bank, London, United Kingdom; Summer Analyst
Dimensional Fund Advisors, Santa Monica, CA; Trading Intern
Eastwind Capital, New York, NY; Intern-Trading
Fiberlink Communications, Blue Bell, PA; Intern
Goldman Sachs, New York, NY; Summer Intern
Johnson & Johnson, Skillman, NJ; Summer Intern
Kittelson and Associates, Tucson, AZ; Intern
Merck & Co., Whitehouse Station, NJ; IT Intern
Merrill Lynch, Palo Alto, CA; Summer Analyst
Merrill Lynch, New York, NY; Summer Analyst
Morgan Stanley, New York, NY; Summer Analyst
NASA, Anadarko Industries, Houston, TX; Intern
Pennoni Associates Inc., Philadelphia, PA; Engineering Technician I
Pfizer, New York, NY; Summer Analyst
PricewaterhouseCoopers, New York, NY; Summer Intern with Compensation Group
Prudential Fox & Roach, Philadelphia, PA; Agent Assistant
The Blackstone Group, New York, NY; Summer Analyst
The Vanguard Group, Malvern, PA; Information Architect
Trilogy International, Seattle, WA; Intern
Wisdomtree Investments, New York, NY; Summer Intern

ENGINEERING & CAS*
Blue Shield of California, San Francisco, CA; Financial Analyst
Cutler Group, LP, Philadelphia, PA; Equity Options Trading Analyst
Deloitte Touche Tohmatsu, New Delhi, India; Summer Business Analyst
DuPont Marshall Labs, Philadelphia, PA; Summer Intern
EFG Bank, Hong Kong, PRC; Analyst
Franklin Fuel Cells, Malvern, PA; Research Assistant
Goldman Sachs, New York, NY; Summer Technology Analyst
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING & CAS* (continued)
Goldman Sachs, New York, NY; Intern
Google, New York, NY; Software Engineering Intern
Google Summer of Code, Mountain View, CA; Contractor
Hong Kong Design Center, Hong Kong, PRC; Market Researcher
IBM, Burlington, VT; Co-op
Johnson & Johnson, Skillman, NJ; Summer Intern
Lehman Brothers Asia Ltd., Tokyo, Japan; Summer Analyst
MBI, Inc., Norwalk, CT; Product Management Intern
Morgan Stanley, New York, NY; Summer Analyst
San Diego Superior Cour t- Hall of Justice; San Diego, CA, Student Volunteer
Siemens, AG, Munich, Germany; Intern
The Blackstone Group, New York, NY; Summer Analyst
U.S. Mint, Washington, DC; Summer Intern
University of Pennsylvania, Philadelphia, PA; Work Study
University of Pennsylvania, Health Systems; Philadelphia, PA, Summer Research Assistant
Wachovia Capital Markets LLC, Charlotte; NC, Summer Analyst

ENGINEERING & WHARTON*
Athleague, Milpitas, CA; Founder
Bank of America, New York, NY; Summer Intern
Barclays Capital, New York, NY; Trading Summer Analyst
Baylis Medical Company, Inc, Toronto, Canada; R&D Engineer Intern
BlackRock, Wilmington, DE; Intern
Boston Consulting Group, Dallas, TX; Associate Intern
Cisco Systems, San Jose, CA; Position Not Provided
Citi Markets and Banking, New York, NY; Summer Analyst
Citi Markets and Banking, New York, NY; Credit Derivatives Info
Citi Markets and Banking, New York, NY; Hybrid Analyst
Citigroup, New York, NY; Private Banking Analyst
Credit Suisse, San Francisco, CA; Summer Analyst
D.E. Shaw & Co., New York, NY; Summer Analyst
Deloitte Consulting, Philadelphia, PA; Business Technology Analyst
Deutsche Bank, New York, NY; Summer Analyst
Deutsche Bank, New York, NY; Summer Analyst
Deutsche Bank, London, United Kingdom; Summer Analyst
Deutsche Bank, New York, NY; Intern
Dimensional Fund Advisors, Santa Monica, CA; Trading Intern
Eastwind Capital, New York, NY; Intern-Trading
EDGE Product Development Corporation, Newtown, PA; Engineering Consultant
Gennova Biopharmaceuticals, Pune, Maharashtra, India; Product Consultant
Goldman Sachs, New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Analyst
Goldman Sachs, New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Summer Analyst
Goldman Sachs, New York, NY; Summer Intern
Google, New York, NY; Software Engineering Intern
Google, Haifa, Israel; Software Engineer
Jane Street Capital, New York, NY; Assistant Trader Intern
Jefferies and Co., Inc., New York, NY; Summer Analyst
JP Morgan Chase, New York, NY; Research Analyst
JP Morgan Chase, New York, NY; Summer Analyst
KKR Financial LLC, San Francisco, CA; Analyst
POSITIONS REPORTED BY MAJOR – All Respondents (continued)

ENGINEERING & WHARTON* (continued)
Lazard, New York, NY; Summer Analyst
Lehman Brothers, New York, NY; Summer Analyst
Lehman Brothers, New York, NY; Summer Intern
Lehman Brothers, New York, NY; Investment Banking Analyst
Lehman Brothers, New York, NY; Summer Analyst
Lehman Brothers Holdings, New York, NY; Intern
L’Oreal USA, Clark, NJ; Summer Intern
Merrill Lynch, New York, NY; Global Markets Analyst
Merrill Lynch & Co., New York, NY; Chief Financial Office Summer Analyst
Morgan Stanley, New York, NY; Summer Analyst
Morgan Stanley, New York, NY; Analyst
Morgan Stanley, New York, NY; Summer Analyst
Morgan Stanley, New York, NY; Summer Analyst
Nollenberger Capital Partners Inc., San Francisco, CA; Investment Banking Summer Analyst
Sonenshine Partners, New York, NY; Summer Analyst
Susquehanna Private Equity Investments, New York, NY; PE Intern
The Blackstone Group, New York, NY; Summer Analyst
The Blackstone Group, New York, NY; Investment Analyst
The National Investor, Dubai, United Arab Emirates; Summer Analyst
Trilogy International, Seattle, WA; Intern
UBS, Stamford, CT; Fixed Income Research Analyst
University of Pennsylvania, Housing & Conference Services, Philadelphia, PA; IT Manager
Wisdomtree Investments, New York, NY; Summer Intern

* All employers/positions are also listed by Engineering major